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3: sp_fungi:*
4: sp_human:*
5: sp_inverteb:
6: sp_mammal:*
7: sp_mbc:*
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Copyright (c) 1993 - 2000 Compugen Ltd
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Q90w93 poecilia re
Q90933 poecilia re
Q90938 ehriles d
Q90u80 drosophila
Q9vu80 drosophila
Q9vu80 drosophila
Q94711 paramecium
Q94711 paramecium
Q9rb30 ehrilchia p
Q9xcp8 ehrilchia p
Q9xcp8 ehrilchia p
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Q94968 ehrlichia p
Q960y3 saccharomyc
Q9vtr2 drosophila
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ID CE 84	-!- SIMILARITY: BELONGS TO T EMBL; X72786; CAA51293.1; HSSP; PO1050; 5HIR. InterPro; IPR000429; Hirudin Pfam; PF00713; Hirudin; 1. PRINTS; PR00777; HIRUDIN. ProDom; PD004216; Hirudin; 1 Serine protease inhibitor; M SIGNAL	SEQUENCE FROM N SEQUENCE FROM N MEDLINE=9328515 Scacheri E., Ni Sawyer R.T., Sa Sawyer R.T., Sa "Novel hirudin acid sequence, Eur. J. Biochem -!- FUNCTION: H -!INHIBITOR. THROMBIN. T	007557; 01-NOV-1998 (TrE 01-NOV-1998 (TrE 01-JUN-2001 (TrE HIRUDIN HM2 PREC HM2. Hirudinaria mani Eukaryota; Metaz Arynchobdellida; NCBI_TaxID=6419;	1 07557
84 34 34 48 57 57 9004 MW;	THE	SEQUENCE FROM N.A., AND SEQUENCE OF SEQUENCE FROM N.A., AND SEQUENCE OF SEQUENCE OF MEDILINE=93285156; PubMed=7685281; Scacheri E., Nitti G., Valsasina B. Sawyer R.T., Sarmientos P.; "Novel hirudin variants from the le acid sequence, cDNA cloning and gen Eur. J. Biochem. 214:295-304(1993)!- FUNCTION: HIRUDIN IS A POTENT T-!- FUNCTION: HIRUDIN IS A STABLE NO THROMBIN, THERBBY ABOLISHING IT	07-557; 01-NOV-1998 (TIEMBLrel. 08, Created) 01-NOV-1998 (TIEMBLrel. 08, Last sequence 01-JUN-2001 (TIEMBLrel. 17, Last annotation of the control of the con	PRELIMINARY; P
RUDIN HM2. SIMILARITY. SIMILARITY. SIMILARITY. SIMILARITY. BA5D85E71B4F07	IRUDIN FAMILY gene family;		sequence annotatio. leech). leech). itellata; Hirudinid	PRT; 84 AA.
CRC64;	ynal.	OF 21-84. B., Orsini G., Visco C., Ferrera M., leech Hirudinaria manillensis. Amino penomic organization."; THROMBIN-SPECIFIC PROTEASE NON-COVALENT COMPLEX WITH ALPHA-ITS ABILITY TO CLEAVE FIBRINGGEN.	update) n update) Hirudinida; Hirudinea; ae; Hirudinaria.	

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MEDILINE-93285156; PubMed-7685281;

Scacheri E., Nitti G., Valsasina B., Orsini G., Visco C., Ferrera M., Scacheri E., Sarmientos P.;

Sawyer R.T., Sarmientos P.;

"Novel hirudin variants from the leech Hirudinaria manillensis. Amino acid sequence, cDNA cloning and genomic organization.";

Eur. J. Biochem. 214:295-304(1993).

-i- FUNCTION: HIRUDIN IS A POTENT THROMBIN-SPECIFIC PROTEASE INHIBITOR. IT FORMS A STABLE NON-COVALENT COMPLEX WITH ALPHA-THROMBIN, THEREBY ABOLISHING ITS ABILITY TO CLEAVE FIBRINGGEN.
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Q07558;
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Pfam; PF00713; Hirudin; 1.
PRINTS; PR00777; HIRUDIN.
ProDom: PD004216; Hirudin; 1.
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Arynchobdellida; Hii
NCBI_TaxID=6419;
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HSSP; P01050; 5HIR.
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01-MAY-2000 (TrEMBLrel. 13, Last sequence update)
01-JUN-2001 (TrEMBLrel. 17, Last annotation update)
HIRUDIN VARIANT HVI-THROMBIN INHIBITOR.
HIRUDIN TARIANT HVI-THROMBIN INHIBITOR.
ELWARYOUTS, Metazos; Annelida, Clitellata; Hirudinida; Hirudinea;
Arynchobdellida; Hirudiniformes; Hirudinidae; Hirudinaria.
NCBL_TaxID-6419;
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"Isolation of thrombin inhibitor from
manillensis.";
Blood 'Co-----
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01-DEC-2001 (TrEMBLrel.
01-DEC-2001 (TrEMBLrel.
XANTHINE DEHYDROGENASE.
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HIRUDIN VARIANT HV2-"HROMBIN INHIBITOR.
Hirudinaria manillensis (Buffalo Leech).
Eukaryota; Metazoa; Annelida; Clitellata; Hirudinida; Hirudinea;
Arynchobdellida; Hirudiniformes; Hirudinidae; Hirudinaria.
  Poecilia
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ProDom; PD004216; Hirudin; 1.
SEQUENCE 25 AA; 2580 MW;
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PRINTS; PR00777; HIRUDIN.
ProDom; PD004216; Hirudin; 1.
SEQUENCE 25 AA; 2596 MW; 5296A69273A9457D CRC64;
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(Guppy)
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Pred. No. 2
                                                                                                                                                                                                                                                                                                                                                                                      Score 136; DB 5;
Pred. No. 4.4e-10;
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leech Hiru
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leech Hirudinaria
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TISSUE-CAUDAL FIN;
Ben J., Lim T.-M., C
"Molecular cloning c
reticulata).";
061240 PREL:
061240;
01-AUG-1998 (TrE)
01-AUG-1998 (TrE)
01-DEC-2001 (TrE)
HRNOTCH PROTEIN.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Mueller W.E.G., Schatton W., Wimmer W., B
"Initiation of an aquaculture of sponges
production of bioactive metabolites in ope
Mol. Mar. Biol. Biotechnol. 1:569-579(199
EMBL; Y18100; CAA)77026.1;
Interpro; IPR000319; Transmem_4.
Pfam; PF00335; transmembrane4; 1.
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Eukaryota; Metazoa; Porifera;
Hadromerida; Suberitidae; Sub
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE FROM N.A.
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                                                                                                                                                                                                                                                                                                                                                               3 YTDCTESGQNL----CLCEGSNVCGQGNKCILGSDGEKNQCVTGEGTPKPQSHNDG----DF
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                                                                                                                                                                                                                                                                                                                                                                                                           Similarity 31.3
21; Conservative
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                     8 (TrEMBLrel. 07, 18 (TrEMBLrel. 07, 11) (TrEMBLrel. 19, 19, 19, 19)
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                                                                                                                 PRELIMINARY;
                                                                                                                                                                                                                                                                       63
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Pred. No. 0.26;
0; Mismatches
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Pred. No. 1
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dehyrogenase
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InterPro; IPR00800; Notch.
Pfam; PF00023; ank; 6.
Pfam; PF00008; EGF; 32.
Pfam; PF00006; notch; 3.
PRINTS; PR00101; EGFBLOOD.
PRINTS; PR01452; NOTCH;
SMART; SM00179; EGF_CA; 17.
SMART; SM00179; EGF_CA; 17.
SMART; SM00104; NL; 2.
SMART; SM00004; NL; 2.
SMART; SM00004; NL; 2.
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PROSITE; PS01187; EGF_CA; 18.
ANK_repeat; Calclum-binding; EGANGE PROSITE; PS01187; EGF_CA; 18.
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Eukaryota; Metazoa; Chordata; Urochordata; Ascidiacea;
Stolidobranchia; Pyuridae; Halocynthia.
NCBI_TaxID=7729;
            STRAIN-BERKELEY;

MEDLINE-20196006; PubMed=10731132;

Medline-2019
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CG10089 PROTEIN.
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                                                                                                                                                                                                                                                                                                                                  Eukaryota; Metazoa; Arthropoda; Tracheata; He
Pterygota; Neoptera; Endopterygota; Diptera;
Ephydroidea; Drosophilidae; Drosophila.
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InterPro; IPR000561; EGF-like.
                                                                                                                                                                                                                                            SEQUENCE FROM N.A.
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P00740; 1EDM.
Pro; IPR002110; ANK.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     homologue from Halocynthia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       20.1%;
Similarity 44.4%;
20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     IPR000742;
IPR001881;
Doyle
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2352
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRELIMINARY;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Repeat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                AA;
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ANK_REP_REGION; 1.

ASX_HYDROXYL; 18.

EGF_1; UNKNOWN_28.

EGF_2; 22.

EGF_CA; 18.
Baxter E.G.,
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EGF_Ca.
EGF_II.
Notch.
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13,
17,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 74; DB Pred. No. 3; 4; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Created)
Last sequence update)
Last annotation updat
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                                                                                                                                                                                                                                                                                                                                                                                                                               fly)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     roretzi is
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ascidian
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Ä
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n; Brachycera;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        update)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             17;
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C.R.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Indels
                                                                               Gocayne J.D.,
A., Galle R.F.,
Henderson S.N.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1018
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                                                                                                                                                                                                                                                                                                                                                                                           Insecta;
Miklos
                                                                                                                                                                                                                                                                                                                                                                  Muscomorpha;
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G.L.G.,
                               B.D.,
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RESULT
OF STREET OF STREET
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RA Hostin D., Houston K.A., Howland T.J., Wei M.-H., Ibegwam C.,
Alalali M., Kalush F., Karpen G.H., Ke Z., Kennison J.A., Ketchum K.A.,
RA Jalali M., Kalush F., Karpen G.H., Ke Z., Kennison J.A., Ketchum K.A.,
RA Jalali M., Kalush F., Karpen G.H., Ke Z., Kulp D., Lai Z.,
RA Liu X., Mattei B., McIntosh T.C., McLeod M.P., McPherson D.,
RA Liu X., Wattei B., McIntosh T.C., McLeod M.P., McPherson D.,
RA McHalov G., Milshina N.V., Mobarry C., Morris J., Moshrefi A.,
RA McHalov G., Milshina N.V., Mobarry C., Morris J., Moshrefi A.,
RA McHalov G., Milshina N.V., Mobarry C., Morris J., Moshrefi A.,
RA McHalov G., Milshina N.V., Mobarry C., Morris J., McBeon D.L.,
RA McHalov G., Milshina N.V., Nixon K., Nusskern D.R., Pacleb J.M.,
RA McHalon D.R., Pittman G.S., Pan S., Pollard J., Puri V., Reese M.G.,
RA Rainert K., Remington K., Sannders R.D.C., Scheeler F., Shen H.,
RA Shier E., Spradling A.C., Stapleton M., Strong R., Sun E.,
RA Sylirs E., Spradling A.C., Stapleton M., Strong R., Sun E.,
RA Williams S.M., Woodage T., Worley K.C., Wu D., Yang S., Yao Q.A.,
RA Ye J., Yeh R.-F., Zaveri J.S., Zhan M., Zhang G., Zhao Q., Zheng L.,
RA Zheng X.H., Zhong F.N., Zhong W., Zhou X., Smith H.O.,
RA Zheng R.A., Myers E.W., Rubin G.M., Venter J.C.,
The genome sequence of Drosophila melanogaster.";
EMRI. Apron 373.7 Aaragan 1.
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Best Local
      V
                                     Bruinsma E.S., Benson D.R., Persing D.H.;
                                                             MEDLINE=21320744; PubMed=11427556;
Lodes M.J., Mohamath R., Reynolds L.D., McNeill
Bruinsma E.S., Benson D.R., Hofmeister E., Reed
                                                                                                                                                                                                                                                                                                                                                                                                   01-DEC-2001 (TrEMBLrel. 19, Created)
01-DEC-2001 (TrEMBLrel. 19, Last sequence up
01-DEC-2001 (TrEMBLrel. 19, Last annotation
MAJOR SURFACE PROTEIN (FRAGMENT).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              InterPro; IPR000340; DS_phosphatase.
InterPro; IPR000387; TYR_phosphatase.
Pfam; PF00782; DSPc; 1.
SMART; SM00195; DSPc; 1.
PROSITE; PS50056; TYR_PHOSPHATASE_2; 1.
PROSITE; PS50054; TYR_PHOSPHATASE_DUAL; 1.
SEQUENCE 608 AA; 66963 MW; 71EA135E5C7660D1 CRC64;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Beeson K.Y., Benos P.V., Berman B.P., Bhandari D., Bolshakov S., Borkva D., Botchan M.R., Bouck J., Brokstein P., Brottler P., Burtis K.C., Busam D.A., Butler H., Cadleu E., Center A., Chandra Cherry J.M., Cawley S., Dahlke C., Davenport L.B., Davies P., de Pablos B., Delcher A., Deng Z., Mays A.D., Dew I., Dietz S.M., Dodson K., Doup L.B., Downes M., Dugan-Rocha S., Dunkov B.C., Dun Durbin K.J., Evangelista C.C., Ferriaz C., Ferriara S., Fleischmann Fosler C., Gabriellan A.E., Garg N.S., Gelbart W.M., Glasser K., Glodek A., Gong F., Gorrell J.H., Gu Z., Guan P., Harris M.,
   "Serodiagnosis
                                                                                                                                                                                                                                                                                                                                  Ehrlichia phagocytophila.
Bacteria; Proteobacteria; alpha subdivision; Rickettsiales;
                                                                                                                                                                           STRAIN-WI
                                                                                                                                                                                                                                                                    Rickettsiaceae;
NCBI_TaxID=948;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       93NX8
                                                                                                                                                                                                      SEQUENCE FROM N.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FlyBase; FBgn0036369; CG10089.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         199 QNRDICEGN--CSRGEKCPTGADQDVDGVNIGQGEEEDEGEGEG
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Q16828; 1MKP
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRELIMINARY;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Conservative
   of human
                                                                                                                                                                                                                                                                                                          Ehrlichieae;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   19.3%;
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granulocytic ehrlichiosis by
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Last sequence update)
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                                                                                                                                                                                                                                                                                                          Anaplasma
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                                                                                                                                                                                                                                                                                                                                                                                                                                         update)
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                                                                 P., Ko
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                                                                                                   Kolbert C.P.,
   using
                                                                    Houghton R.L.,
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Fleischmann W.,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2;
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RESULT
Q9W600
                      RESULT 11
Q94711
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Best Local S
Matches 21
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Best Local
Q94711
Q94711;
                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gallus gallus (Chicken).
Gallus gallus (Chicken).
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Eukaryota; Metazoa; Chordata; Galliformes; Phasianidae; Phasianinae;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     combinations of immunoreactive recombinant proteins.";
J. Clin. Microbiol. 39:2466-2476(2001)
EMBL; AF356509; AAK6969.1; -.
NON_TER 1
                                                                                                                                                                                                                  SEQUENCE
                                                                                                                                                                                                                           Pfam; PF00050; kazal; 1.
SMART; SM00274; FOLN; 1.
SMART; SM00280; KAZAL; 1
                                                                                                                                                                                                                                                                                            follistatin -related gene: Evidence for involvement dorsalisation/neural induction. ."; Dev. Biol. 178:327-342(1996).
EMBL; AJ238977; CAB42968.1; -.
                                                                                                                                                                                                                                                                                                                                                             SEQUENCE FROM N.A. MEDILINE=96427388; PubMed=8812133;
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01-DEC-2001
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                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE FROM N.A.
                                                                                                                                                                                                                                                           InterPro; IPR002048; EF-hand.
InterPro; IPR003645; FolN.
InterPro; IPR002350; kazal.
                                                                                                                                                                                                                                                                                                                                        Patel K., Connolly D., Amthor H., Nose K.;
"Cloning and early dorsal-axial expression of Flik, a chick
                                                                                                                                                                                                                                                                                                                                                                                                                                            NCBI_TaxID=9031;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       185
                                                                    102 KSE 104
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            245 KDLVQELTPEE 255
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                                                                                                               45 TEKGEPTCLCIEQCKPHGRPVCGSNGKTYLNHCELHRDACLTGS----KIQVDYDGHCKEK 101
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                                                                                                                                    7 TESGQNLCLC-----EGSNVCGQGNKCILG-SDGEKNQCVTGEGTPKPQSHNDGDFEEI 59
                                                                                         PEE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PROTEIN.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CGDNGSSTITTSGTNVSETGQVFRDFIRATLKEDGSKNWPTSSGTGTPKPVTNDNAKAVA 244
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CTESGQNLCLCEGSNVCGQGN-----KCILGSDGEKN-QCVTGEGTPKPQSHNDGDF--
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                                                                                                                                                                     Similarity
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           PRELIMINARY;
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                                                                                                                                                                                                                  AA;
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                                                                                                                                                                                                                  AL; 1.
35815
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                                                                                                                                                                     18.8%;
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29.6%;
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12,
19,
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                                                                                                                                                         Score 69; DB
Pred. No. 1.4;
6; Mismatches
                                                                                                                                                          6
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Last annotation updat
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Pred.
           PRT;
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           2233 AA
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                                                                                                                                                                      DB 13;
1.4;
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01-MAY-2000
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44 KDA MAJOR
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51C SURFACE |
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SEQUENCE
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EMBL; AF135261; AAD41485.1; -.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           variable surface proteins from Paramecium J. Mol. Biol. 222:835-841(1991).

EMBL; M65164; AAA61740.1; -.

InterPro; IPR002895; Paramecium_SA.

Pfam; PF01508; Paramecium_SA; 25.

SEQUENCE 2233 AA; 237078 MW; C064FE0AF
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Eukaryota; Alveolata; Ciliophora; Oligohymenophorea; Peniculida;
Paramecium.
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NCBI_TaxID-948;
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Bacteria; Proteobacteria; alpha subdivision; Rickettsiales;
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MEDLINE-92106337; PubMed-1762150;
Nielsen E., You Y., Forney J.;
"Cysteine residue periodicity is a conserved structural feature
  Q9XCP8
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-MAY-2000 (TrEMBLrel. 13, Last sequence update)
-DEC-2001 (TrEMBLrel. 19, Last annotation update)
KDA MAJOR OUTER MEMBRANE PROTEIN (FRAGMENT).
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01-NOV-1999 (TrEMBLrel. 12, La
01-DEC-2001 (TrEMBLrel. 19, La
04 KDA MAJOR OUTER MEMBRANE P
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Rickettsiaceae;
NCBI_TaxID=948;
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Murphy C.I., Storey J.R., Recchia J., Doros-Richert L.A.,
Gingrich-Baker C., Munroe K., Bakken J.S., Coughlin R.T., Bel
"Major antigenic proteins of the agent of human granulocytic
"Major antigenic proteins of the agent of human granulocytic
ehrlichiosis are encoded by members of a multigene family.";
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Zhi N. Ohashi N., Rikihisa Y.;
"Multiple p44 genes encoding major outer membranc expressed in the human granulocytic ehrlichiosis J. Biol. Chem. 274:17828-17836(1999).
EMBL; AF135256; AAD414801.; -.
InterPro; IPR002566; Surface_Ag_msp4.
Pfam; PF01617; Surface_Ag_msp4.
NON_TER
                                                                                                             Infect. Immun. 66:3711-3718(1998).
EMBL; AF029323; AAC31309.1; -.
InterPro; IPR002566; Surface_Ag_asp4.
Pfam; PF01617; Surface_Ag_2; 1.
SEQUENCE 364 AA; 38806 MW; 32DA9B
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Bacteria; Proteobacteria; alpha subdivision; Rickettsiales;
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NCBI_TaxID=948;
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Bacteria; Proteobacteria;
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CGDNGSSTITNSGANVSETGQVFRDFIRATLKEDGSKNWPTSSGTGTPKPVTNDNAKAVA
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PROTEIN (FRAGMENT).
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Pred. No. 1.6;
LO; Mismatches
                                               Score 68; DB
Pred. No. 2.2;
LO; Mismatches
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Q96UY3; O1-DEC-2001 (TrEMBLrel. 19, Created)
O1-DEC-2001 (TrEMBLrel. 19, Last sequence update)
O1-DEC-2001 (TrEMBLrel. 19, Last annotation update)
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NON_TER 516 516
SEQUENCE 516 AA; 57644 MW; B41C8024561DC862 CRC64;
                                                                                                                                                                                                                                                                           "Degeneration of a homing endonuclease and its target sequence in a wild yeast strain.";
Nucleic Acids Res. 29:4215-4223(2001).
EMBL; AF389405; AAL18609.1; -.
NON_TER 1
                                                                                                                                                                                                                                                                                                                                                                                                          Saccharomyces sp. DH1-1A.

Eukaryota; Fungi; Ascomycota; Saccharomycotina; Saccharomycetes; Saccharomycetales; Saccharomycetaceae; Saccharomyces.

NCBI_TaxID-173900;
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STRAIN-DH1-1A;
MEDLINE-21486811; PubMed-11600710;
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83 QHRAHKSDSSREMPE 97
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